



Geospatial
Commission

NUAR

National Underground Asset Register
Stephen Thorp - Onboarding Lead

About us

The Geospatial Commission is an independent, expert committee responsible for setting the UK's geospatial strategy and coordinating public sector geospatial activity.

We are part of the Department for Science, Innovation & Technology.





Timeline

2018

Geospatial
Commission
established

NUAR research
phase starts

2019-20

Pilot projects
completed

Preparation phase
starts

Sep 2021

NUAR build
programme starts

Mar 2023

Platform
operational in
North East
England, Wales and
London

Sep 2024

Platform
operational in rest
of England and
Northern Ireland



Why do we need NUAR?

- 4 million kilometers of buried pipes and cables in the UK
- 4 million holes dug every year
- c. 60,000 accidental strikes per year
- Planners and excavators need the data to do their jobs safely and efficiently
- Data is held by over 650 organisations
- Asset owners are legally required to make their data available for free to statutory undertakers



Benefits for a wide range of users

Asset Owners - efficiencies in sharing data

Excavators - reduced risks of asset strikes

Data managers - improved data quality

Planners - efficiencies in sourcing data and reduced risks of asset strikes

Plant protection officers - greater knowledge of activity near assets

General public and businesses - reduced delays from accidental strikes

The platform - Demo

453805,317942 Search Edit AOI Bookmarks and sharing

Notifications

Layers

Legend

Isolated Views

Asset

Legend

Electricity

- Sensitive asset (approximate)
- Overground site
- Underground site
- Property change
- Cross-section
- Underground point asset
- Overground point asset
- Underground line asset
- Overground line asset

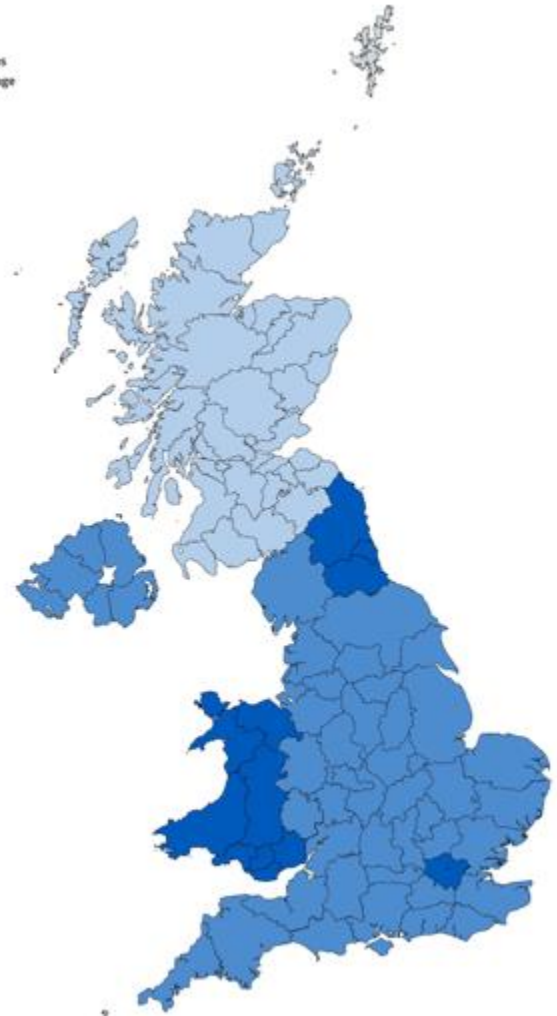
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Growing participation*

- 500+ Asset Owners engaged across England and Wales
- 285 Data Exploration Agreements (DEAs) signed
- 192 organisations' data uploaded to NUAR
- 168 datasets' transformations agreed
- 163 Data Distribution Agreements (DDAs) signed

■ NUAR MVP regions
■ NUAR final coverage
■ VAULT



Working with experts

- A supply chain of world leading experts in their field
- Other government departments
- Existing networks of asset owners
- Industry and professional bodies
- Academia and international partners
- Users





Geospatial Commission

You can find out more about NUAR at:

 gov.uk/guidance/national-underground-asset-register-nuar

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